

2025-01-01 10:00:00

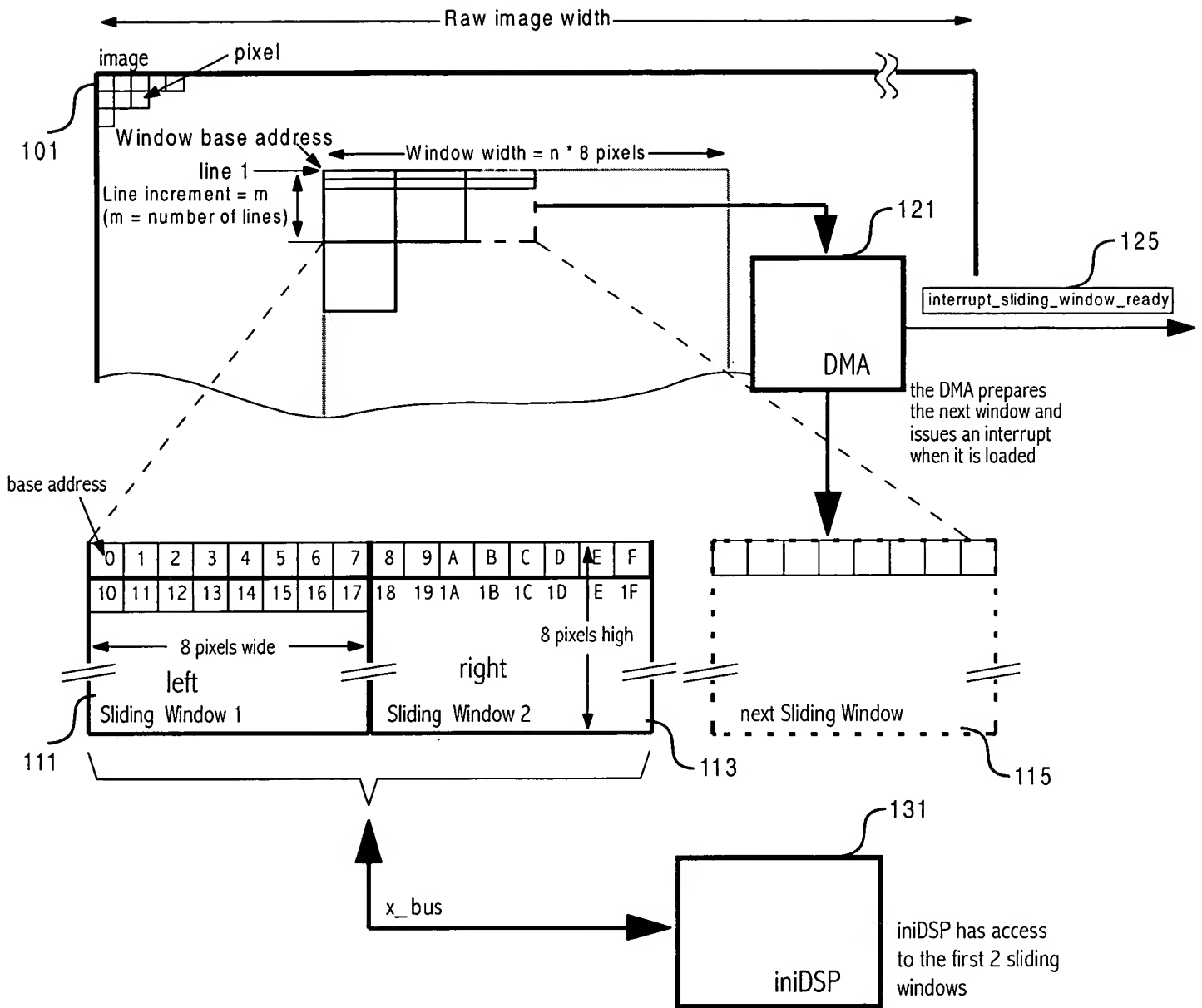


FIG. 1

image

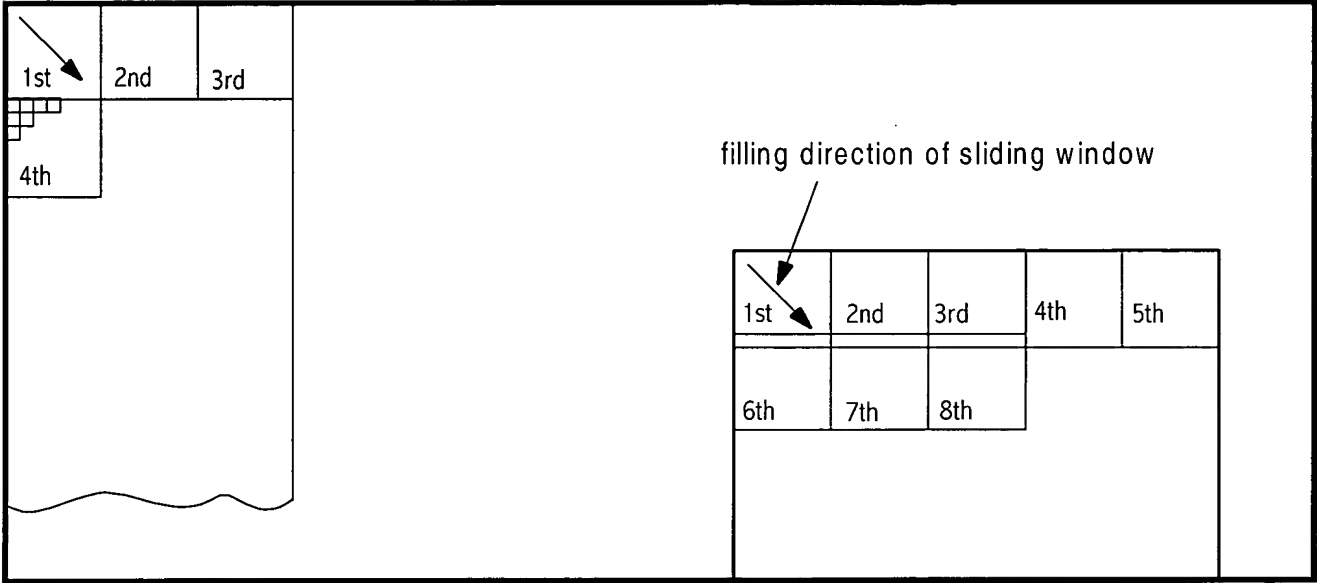
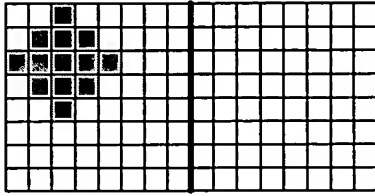
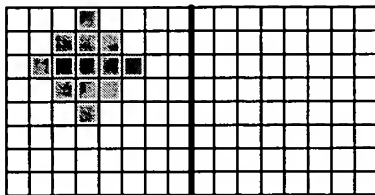


FIG. 2

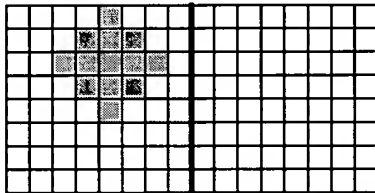
Initial condition, 5x5 filter will be processed centered on the third row, starting centered on the third column.



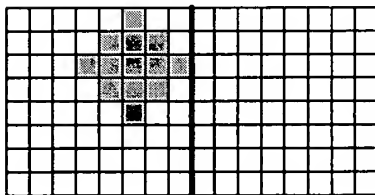
Filter centered on 4th column



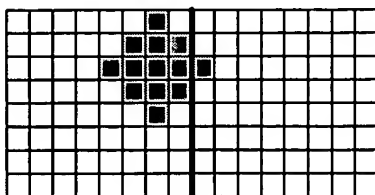
Filter centered on 5th column



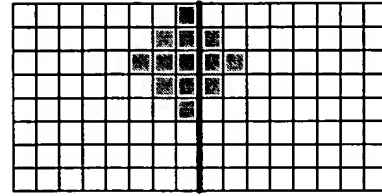
Filter centered on 6th column



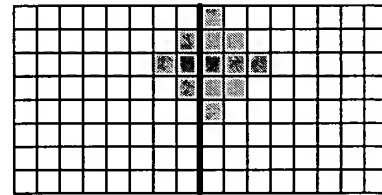
Filter centered on 7th column



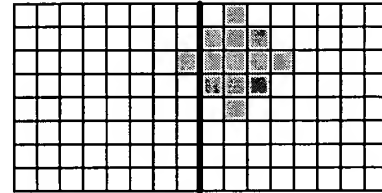
Filter centered on 8th column



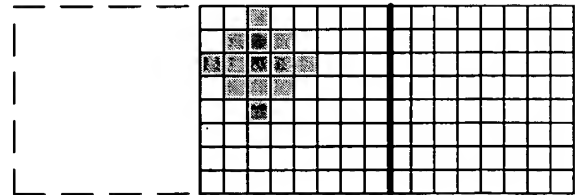
Filter centered on 9th column



Filter centered on 10th column



Filter centered on 11th column, left block no longer required and swapped out



Note that this block is identical to the 1st block, identical addressing and thus code can be used.

FIG. 3

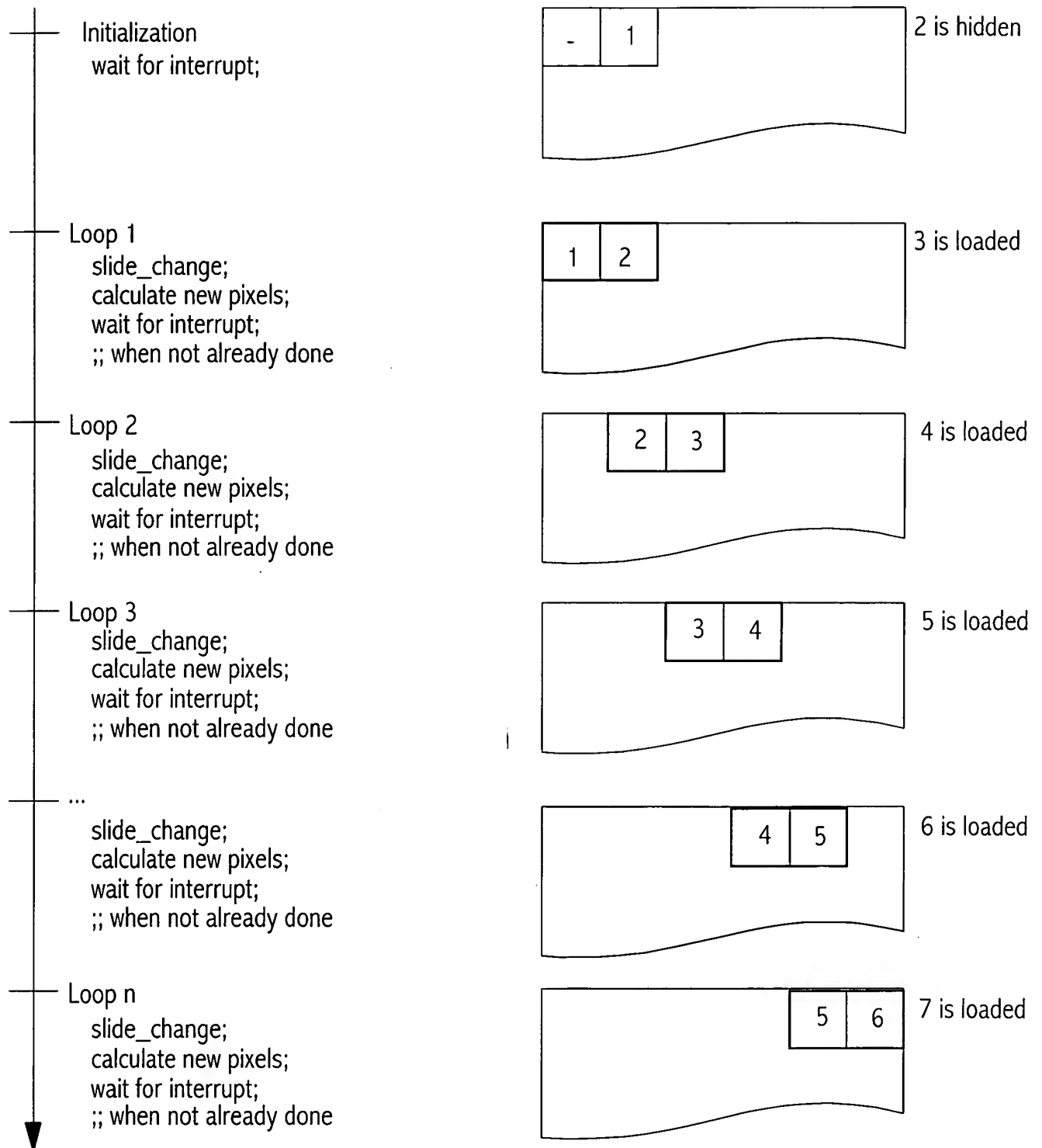


FIG. 4